Product specifications

Eaton S801+T18N3S

Catalog Number: S801+T18N3S

Eaton S801+ soft starter, 180 A, T-frame, Three-pole, 24 V power, 200-600 V operating voltage, 47-63 Hz, 1-2 conductors, #5 AWG to 500 kcmil wire, 120 Vdc, 240 Vac, CIM, Three-phase motors, Modbus RTU, NEMA 0, LCD disp, -30°C to -50°C

General specifications

Product Name
Eaton S801+ soft starter

Catalog Number
S801+T18N3S

UPC
786685558820

Product Length/Depth
19 in

Product Height
12.5 in

Product Width
14.5 in

Product Weight
45 lb

Warranty
Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.

Compliances
CE Marked

Certifications
IEC 947
EN 60947-4-2
CSA Certified
CSA Certified for Elevator Duty

Catalog Notes
All units require a 24 Vdc power supply found on catalog Page V6-T1-85, or equivalent., S811+T_, S811+U_ and S811+V_ units require lug kits, S811+U50_ unit does not have IEC

certification.

Product specifications

AC current - max

240 Vac

DC current - max

120 Vdc

Wire size

#5 AWG-500 kcmil

Operating temperature - min

-30 °C

Power supply

24 V

Size

NEMA 0

Amperage Rating

180A

Number Of Poles

Three-pole

Display material

LCD

Frame size

T

Type

Soft starter

Operating voltage

200-600 V

Used with

Three-phase motors

Operating temperature - max

50 °C

NEMA rating

NEMA 0

Frequency rating

47-63 Hz

Module interface

CIM

Communication

Modbus RTU

Resources

Application notes

S8x1 adjustment - Switching from S801+ to S811+

Brochures

S811+/S801+ soft starters

Catalogs

Product Range Catalog Drives Engineering

Eaton's Volume 6—Solid-State Motor Control

Installation instructions

Instructions for S801+ Soft Starter, S801+N... and S801+R

Multimedia

Soft starter DS7 up to 200 A

Soft Starter DS7 up to 32 A

Soft Starter Product Family Overview

Specifications and datasheets

Eaton Specification Sheet - S801+T18N3S

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